

Transport Research and Innovation Grant (TRIG) 2021 Application Questions

SECTION 1

COMPANY/ORGANISATION INFORMATION

1. Full Name of Organisation)
 - a) (If this application is successful, this is the name that will be used in publicity, unless an alternative name is clearly specified here).
2. Registered office address
3. Website URL.
4. Companies House Registration number
5. VAT registration number
6. Are you collaborating with another organisation, company, or authority? Yes
 No

If you answer Yes, please provide details below.

The following questions in this section are to be completed by commercial companies only, not university applicants.

7. What size is your company?
 - a) Startup
 - b) SME
 - c) Large
 - d) Other
8. How many FTE employees are there in the company?
 - a) Just me
 - b) 2-5
 - c) 6-10
 - d) 11-50
 - e) 51+
9. Company Revenue
 - a) Is your company revenue generating?
 - b) If you selected yes to Q9a, please tell us your annual turnover (£)

10. Amount of external investment received to date (£)
11. Name of your immediate parent company (if applicable)

COMPANY/ORGANISATION CONTACT

12. What is your name?
First
Last
13. What's your position in the organisation?
14. E-mail address
15. Telephone number
16. Finance contact (for providing financial documents)
First
Last
17. Finance contact's Info
- a) Finance contact's telephone
 - b) Finance contacts' email address

ORGANISATIONAL HISTORY AND POLICIES

18. Are you able to provide a copy of your accounts for the last two years, if requested? Yes No
19. Has your organisation been convicted of any offence involving slavery and human trafficking? Yes No
20. Have any of the officers, employees or other persons associated with your organisation been convicted of any offence involving slavery and human trafficking? Yes No
21. Do you have a policy or statement that sets out the steps your organisation has taken to ensure that slavery and human trafficking is not taking place in any of your supply chains or in any part of your own business? Yes No
22. In the last three 3 years, has any finding of unlawful discrimination been made against your organisation by an Employment Tribunal, an Employment Appeal Tribunal or any other court (or in comparable proceedings in any jurisdiction other than the UK)? Yes No
23. In the last three 3 years, has your organisation had a complaint upheld following an investigation by the Equality and Human Rights Commission or its predecessors (or a comparable body in any jurisdiction other than the UK), on grounds or alleged unlawful discrimination? Yes No

Please provide a brief summary of the nature of the investigation and an explanation of the outcome of the investigation to date. If the investigation upheld the complaint against your organisation, please also explain what action (if any) you have taken to prevent unlawful discrimination from reoccurring.

24. Has your organisation or any of its Directors or Executive Officers been in receipt of enforcement or remedial orders in relation to the Health and Safety Executive (or equivalent body) in the last three 3 years? Yes No

Please provide details of any enforcement/remedial orders served and give details of any remedial action or changes to procedures you have made as a result

25. Does your organisation have a Health and Safety Policy that complies with current legislative requirements? Yes No

26. Does your organisation have an in-house policy for the management of Environmental issues? Yes No

27. Has your organisation been convicted of breaching environmental legislation, or had any notice served upon it, in the last three 3 years by any environmental regulator of authority (including Local Authority)? Yes No

Please provide details of the conviction or notice and details of any remedial action or changes you have made as a result of conviction or notices served.

28. Does your organisation have an in-house policy for the management of Quality issues? Yes No

29. Please confirm that you have and will maintain the following insurances.

- a) Public liability
- b) Professional indemnity
- c) Employer's insurance

We regret that we are unable to progress applications from organisations without the required level of insurance or an acceptable explanation of why they do not possess this. Please give more details

EQUALITY AND DIVERSITY

This is a Pass/Fail question. If an applicant cannot or is unwilling to suitably demonstrate that they have a commitment to Equality, Diversity & Inclusion (EDI) practices which align with EDI policies set by the DfT, then their application will be deemed non-compliant and they will NOT be considered for this competition.

30. Does your organisation comply with your statutory obligations under the Equality Act 2010? Yes No

31. The DfT and the Connected Places Catapult are committed to ensuring we provide opportunities to companies that promote EDI in the sector. Does your organisation have a commitment to practicing and embedding EDI initiatives in your current and long-term projects and operations? Yes No
32. Please demonstrate your commitment to promoting EDI within your organisation and beyond this, within your TRIG project.

CONFLICT OF INTEREST

This is a Pass/Fail question. If an applicant cannot or is unwilling to suitably demonstrate that they have suitable safeguards to mitigate any conflict of interest, then their application will be deemed non-compliant and they will NOT be considered for this competition.

33. Do you have any potential, actual or perceived conflicts of interest that may be relevant to this competition? Yes No
34. Please provide details of any potential, actual or perceived conflicts of interest in respect of this project and outline what safeguards would be put in place to mitigate this risk arising during the project.

FUTURE OPPORTUNITIES

35. Can the DfT or Connected Places Catapult (CPC) contact you about other innovation research competitions? Yes No
36. Please confirm that (if you are successful in winning a grant) you would be content to provide information relating to TRIG impact evaluation.

I would be happy to provide information as required, which will help to evaluate the impact of the TRIG programme

I would not be happy to provide this information

37. If your application is successful, the DfT would also like to share your project details with partners who may be interested in working with you to progress the results of the project. Please tick if you are content for the DfT to share your project details with others listed below.

- a) Note: Details will only be shared if you give permission by ticking the boxes below.
- b) Innovate UK
- c) Transport or Local Authorities
- d) Knowledge Transfer Network
- e) Other Government Departments
- f) Other

PREVIOUS APPLICATIONS

38. Have you ever applied to TRIG or other DfT funded Programme? Yes
No

Please tell us which programme, your project title, and the year in which you applied.

TRIG CHALLENGE

39. Please identify which of the TRIG Challenges you are applying for.

- a) Maritime Decarbonisation
- b) Future of Freight
- c) Open Call
- d) COVID-19 Recovery and Resilient Transport Systems

Please select the grant you are applying for under the Future of Freight Challenge.

- i. £30k TRIG Grants
- ii. £100k TRIG Pilot Grants

Please note: By selecting the TRIG £100k grant, you are confirming that you will provide justification for requiring the increased amount in funding. This justification should be made in all responses in Section 2 of the application.

Additionally, unsuccessful applications for the Future of Freight £100k Grants will not be considered for the £30k Grants. We encourage applicants keen to develop their technological solutions, we encourage applicants to adapt their project scope and submit an additional application for a £30k grant.

SECTION 2

Please refer to the Application Guidance document before completing this section.

40. PROJECT TITLE

41. PROJECT SUMMARY

- a) Project Summary
- b) Project Justification

Please justify why you are applying for the Future of Freight TRIG Pilot Grant valued at £100k. Please provide an overview of how the increased funding amount will help bolster innovation in the sector and what the impact of the funding would be on the project scope.

42. Please indicate which TRL your technology is currently at.

- TRL 1: Idea stage. Basic principles observed.
- TRL 2: Basic research; technology concept formulated.
- TRL 3: Experimental proof of concept achieved.
- TRL 4: Small scale prototype; technology validated in a lab or testing environment.
- TRL 5: Large scale prototype; technology validated in an operational environment.
- TRL 6: Technology demonstrated in operational environment.
- TRL 7: Prototype demonstration in operational environment.
- TRL 8: First of a kind commercial system; all technical process to support commercial activity are in a ready state.
- TRL 9: Full commercial application; technology is readily available on the market.

43. If applicable, please tell us the transport mode that your technology applies to.

- Road
- Rail
- Maritime
- Aviation
- Micro-mobility
- Cross or multi-modal

44. THE CHALLENGE

What is the challenge being addressed by the proposed project and how does it align with DfT priorities? Please provide details of any activities undertaken to validate the challenge that your application will address.

45. INNOVATION

Describe your innovation and explain how it addresses the challenge above, including any supporting evidence.

46. PROJECT MANAGEMENT AND TEAM

Please outline your plan for delivering a successful project. Your plan must include the key milestones, resource allocation to tasks, skills and expertise within the team, health and safety management, ethics approval process (where required) and details of the key risks that will need to be managed (including those arising from the COVID-19 pandemic). Please also demonstrate how your company is

working to support and promote Equality, Diversity & Inclusivity (EDI) initiatives through the selection of the project team. Should you not demonstrate diversity in your team selection, please describe what you are doing to remediate this going forward. You must not disclose the personal Information of individuals in your response. Your response should highlight your initiatives to promote and enhance EDI, not discuss the diversity or otherwise of specific team members.

47. Please upload a Gantt chart to support your project outline.

Please upload files of the following formats: pdf, doc, docx, txt, xls, ppt

48. Will your project be concluded by 30 September 2022?

Yes No

49. EXPLOITATION

You need to demonstrate a sound understanding of your intended market and the associated opportunities it presents for your project. An achievable route to market must be well described.

50. PROJECT IMPACT

For this question, please consider the following:

- a. The desired outcomes your project will have and how you will measure these
- b. The desired impacts your project will have and how you will measure your progress towards these desired impacts
- c. How the desired outcomes and impacts of your project are aligned with DfT priorities

51. Please upload any images, diagrams, or figures to support this section.

52. PROJECT FINANCES

Please download a copy of the Project Finances template (attached) and upload the file below. In the table, please provide a breakdown of how much the project will cost to deliver and how the budget will be spent to ensure value for money.

53. Please use this section to provide a commentary of your project finances (if you would like to).

SECTION 3

54. SUBSIDIES

The organisation acknowledges that the Programme is funded by the Department for Transport and that the grant funds are therefore public monies. Consequently, the award of such monies must be done in a manner compliant with subsidy rules under the EU-UK Trade and Cooperation Agreement. Any monies awarded to the organisation under the Programme will not constitute a 'subsidy' provided the

organisation does not receive more than €325,000 Special Drawing Rights (approximately £344,600) of state support over a rolling 3 fiscal year period.

If the organisation's application for grant funding under the Programme is acceptable, the organisation will be required as part of its acceptance of the Grant Offer to complete a 'no subsidy' declaration confirming that the amount of grant awarded to the organisation will not cause it to exceed the limit of €325,000 Special Drawing Rights of state support over a rolling 3 fiscal year period.

Please tick the box to confirm that you do not anticipate that any grant award under the Programme will cause the organisation to contravene the de minimis state aid limit

55. TERMS AND CONDITIONS

Please tick this box to confirm that you have reviewed the terms of the Grant Agreement and that you accept them

Having examined the Application Guidance Document (and FAQ's) and Grant Agreement, I hereby submit our application on the full understanding that any resulting Grant Offer shall be subject to the provisions of the Funding Agreement and I accept these terms and conditions.

I certify that the information set out in this Grant Application Form is true and complete. I understand that if any of this information is subsequently discovered to be false or misleading the organisation's participation in the Programme may be terminated and any funds paid to the organisation may be required to be repaid.

Please tick this box to confirm that you have reviewed the terms of the Grant Agreement and that you accept them. I confirm the above

56. EQUALITY AND DIVERSITY MONITORING

The Department for Transport and the Connected Places Catapult are collecting equality, diversity and inclusion (ED&I) data to promote and ensure equality of access for its grant funding competitions and programmes. This data will help us monitor performance of efforts to promote ED&I in research and business innovation. Therefore, we would be very grateful if you could answer the questions below:

A. Please can you tell us about the ethnicity of the team who will be delivering work funded by this grant? Please indicate all categories which apply.

Asian/Asian British

Black/African/Caribbean/Black British

Mixed/Multiple ethnic groups

- White
- Prefer not to say
- Other ethnic group: Click or tap here to enter text.

B. Please can you tell us about the gender of the team who will be delivering work funded by this grant? Please indicate all categories which apply.

- Male
- Female
- Prefer not to say
- Prefer to self-describe: Click or tap here to enter text.

C. Please can you tell us if the activities of team members are ever affected by a disability, impairment or long-term illness which has lasted, or is expected to last, at least 12 months?

- Yes
- No
- Prefer not to say

AWARENESS OF TRIG COMPETITION

How did you learn about this TRIG competition?

- Previous experience of applying for TRIG programmes
- DfT website
- Twitter
- LinkedIn
- Informed by CPC (Connected Places Catapult)
- Informed by KTN (Knowledge Transfer Network)
- Informed by EPSRC (Engineering and Physical Science Research Council).
- Media (i.e. online news, newspaper)
- Other social media channels
- Other